Lab Sheet Color: IEPA - DWPC - FOS - LAB SHEET Field ID No.: 09-Funding Code: WP2610-Agency Routing M012-File Code: AGRZ13-Sample Type: X15-Reporting: B 16-DID:Basin _____County___Plant___17-Sampling Program: A & 23-Instructions (24 hr.clock) 27-Received By: //PS Date:// Received by: _____Date: Composite Sample Ending Date: 5 2 9 F 0 Y Y M M D D Y Y MMDD Circle One:Effluent Stream <u>Specials</u>: Ending Time: 5 2 9 F 0 H H M M Influent Process Flows WWTP Cooling Water Other Sludge (24-hr.clock) Program: 1 wester NPDES No: Sample A 03-Lab Parameter Group: EFFO5 Additional Field Receiving Stream Name: Lab Parameters Parameters Results 501F0 Air Temp (°C) Receiving Stream Conditions (velocity, etc): 502F0 <u>Wat</u>er Temp (°C) 504F0 Dissolved Op Effluent Cond Conductance 500F0 Weather Conditions Comments & Unusual Conditions & Severity:(If applicable,Stamp-"No Visible Problem This Visit") Remarks: Sample collected from othercek Al-Sampling Techniques: SE11344 FOR LABORATORY USE LAB ID NO. Sample Received By: Date Received: MAY 2 7 2011 Joe Stitely Marion Regional Africe Mail To: Time Received:___ G 30 AM Lab Section:____

IL 582-1575



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

SAMPLE A

Date Received:

05/27/11

Funding Code:

WPZ6

Visit Number:

Trip ID;

Temperature C:

3.00

Client Sample ID:

A

Lab Sample 1D:

SE11344-01

Matrix:

Water

Collected By: JD\$

Datc/Time Collected:

05/26/11 15:10

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

05/27/11 11:07

Units:

mg/L

Analyzed:

06/01/11 07:58

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

BOD 5DAY

88.3

J7, L

2.00

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared:

06/15/11 09:50

Units:

mg/L

Analyzed:

06/15/11 12:05

Analyte

Qualifier

Reporting Limit

Regulatory Level

Nitrogen, Nitrite (NO2) + Nitrate

Result

0.454

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

06/16/11 08:07

Units:

mg/L

Analyzed:

06/23/11 09:32

Analyte

Result

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Ammonia as N

85.6

10.0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

SAMPLE A

Funding Code:

Trip ID:

Matrix:

WPZ6

Water

Collected By: JDS

Lab Sample ID:

Date/Time Collected:

Date Received:

Visit Number:

Temperature C:

05/26/11 15:10

SE11344-01

05/27/11

3.00

Sample Type:

Client Sample ID:

Grab

Sample Depth:

Total Depth:

рH

Method: Units:

150.1

РΗ

Prepared: 05/27/11 12:36

Analyzed:

05/27/11 12:37

Analyte

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Laboratory pH

Result 7.6

0.0

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method: Units:

Analyte

365.3

Prepared: Analyzed: 06/03/11 13:20 06/08/11 18:23

mg/L

Result

Qualifier

Reporting Limit

Regulatory Level

Phosphorus as P

20.7

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

06/01/11 11:00

Units:

mg/Ļ

Analyzed:

06/01/11 11:10

Analyte

Result

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Total Suspended Solids

292

4



825 N. Rutledge Springfield, Illinois 62702 217.782,9780

LABORATORY RESULTS

Name: ELM FARMS INC

Project/Facility Number:

SAMPLE A

Date Received:

05/27/11

Funding Code:

Trip ID:

WPZ6

Visit Number:

Temperature C:

3.00

Notes and Definitions

L Actual value not known, but known to be greater than value shown. To be used when the concentration of the analyte is above the acceptable level for quantitation. Value shown is the highest acceptable level for quantitation.

J7 Blank spike failed low - possible low bias or false non-detect.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Non-NELAP accredited

Report Authorized by:
Gary Germann
Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #£37645).

Reported: 07/20/11 14:25 Page 3 of 3

135

Lab Sheet Color:	IEPA - DWPC - FOS -	LAB SHEET	Field ID No.:
09-Funding Code: 4/ P 26	10-Agency Routing MO	2-File Code: A G R Z	13-Sample Type: X
15-Reporting: B 16-DID:Basi 18-Facility/Sample Pt:	m_Furas,	7-Samp 170 7-Begin / / 05 27 Date: Y Y M M D D	m-p/-e_B_ 20-Begin_15_00
23-Instructions to Lab:	21-Collected	by: <u>TD</u> <u>5</u> 22-Transport -Received By: <u>L/PS</u> D	(24 hr.clock) rted by: 7 2 2
Composite Sample Ending Date: 5 2 9 F 0 Y		Received by:D Circle One:Effluent	ate: Y W M M D D Stream Specials
Ending Time: 5 2 9 F 0 H	H M M hr.clock)	intiuent	Process Flows WWTP Cooling Water Other
03-Lab Parameter Group:	FFDS	NPDES NO: Sample	
Additional Field Paramete 501F0	3	Receiving Stream Name	
<u>Air Temp</u> 502F0	(°C)	Receiving Stream Cond	itions (velocity,etc)
Water Te 504F0	mp (°C)	्रिक् र	O Table
<u>Dissolve</u> 503F0 Conducta		J	UL 25 20tt
500F0 pH	,	IL Environme	
Comments & I	Unusual Conditions & f applicable,Stamp-	Weather Conditions 2001	REGIONAL UFFICE
"No Visible	Problem This Visit")		
Remarks:	Sample collected	from culvers	SE11345
Sampling Tea	chniques:Grab	FOR LABORATORY US	
		LAB ID NO.	GC .
		Sample Received By:	
Mail To: Joe S	Stitely Regional Office	Time Received: 92	<mark>AY 2 7 2011</mark> 50ampm
Marion	Regional Office	Lab Section: Supervisor:	7/4/11

IL 532-1575



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY_RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

STATION B

Date Received:

05/27/11

Funding Code:

WPZ6

Visit Number: Temperature C:

3.00

Trip ID:

В

Lab Sample ID;

SE11345-01

Matrix:

Water

Collected By: JDS

Datc/Time Collected:

05/26/11 15:00

Sample Type:

Client Sample ID;

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

05/27/11 11:07

Units:

mg/L

Analyzed:

06/01/11 07:58

Analyte .

Result

Oualifier

Reporting Limit

Regulatory Level

BOD 5DAY

133

J7, L

2.00

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared:

06/15/11 09:50

Units:

mg/L

Analyzed:

06/15/11 12:07

Analyte

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Nitrogen, Nitrite (NO2) + Nitrate (

Result

ND

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

06/16/11 08:07

Units:

mg/L

Analyzed:

06/23/11 09:32

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Ammonia as N

16.0

2.00



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

STATION B

Trip ID:

Matrix:

Funding Code:

Client Sample ID;

WPZ6

В

Water

Collected By: JDS

Sample Depth:

Lab Sample ID:

Date Received:

Visit Number:

Temperature C:

Date/Time Collected:

05/26/11 15:00

SE11345-01

05/27/11

3.00

Sample Type:

Grab

Total Depth:

Prepared:

Method: Units:

150.1

РH

рH

Analyzed:

05/27/11 12:36

05/27/11 12:37

Analyte

Qualifier

Reporting Limit

Regulatory Level

Laboratory pH

Result 7.6

0.0

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method:

365.3

Prepared:

06/03/11 13:20 06/08/11 18:06

Units: **Analyte** mg/L

Analyzed:

Phosphorus as P

Result

Qualifier

Reporting Limit

Regulatory Level

19.1

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

06/01/11 11:00

Units:

mg/L

Analyzed:

06/01/11 11:10

Analyte

Qualifier

Reporting Limit

Regulatory Level

Total Suspended Solids

Result 196

4



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

STATION B

Date Received:

05/27/11

Funding Code:

WPZ6

Visit Number:

Trip ID:

Temperature C:

3.00

Notes and Definitions

Actual value not known, but known to be greater than value shown. To be used when the concentration of the analyte is above the acceptable level for quantitation. Value shown is the highest acceptable level for quantitation.

J7 Blank spike failed low - possible low bias or false non-detect.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

Non-NELAP accredited

Report Authorized by:

Gary Germann
Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported; 07/20/11 14:25 Page 3 of 3 Sec. 34.3

Field ID No.:

09-Funding Code: <u>UP 2</u> 610-Agency Routing M	1Q 12-File Code: $AGRI$ 13-Sample Type: X
15-Reporting: B 16-DID:Basin County	Plant 17-Sampling Program: 4
18-Facility/Sample Pt: E/m_Eacms	19-Begin / / DD H H H M M
23-Instructions to Lab:	
Composite Sample Ending Date: 5 2 9 F 0 Y Y M M D D	Received by:Date: Y W M D D
Ending Time: 5 2 9 F 0 H H M M (24-hr.clock)	Influent Process Flows WWTP Sludge Cooling Water Other
	Program:
03- <u>Lab Parameter Group</u> : <u>EFFO</u>	NPDES No: Dample C
Additional Field Lab Parameters Parameters Results 501F0	Receiving Stream Name:
<u>Air Temp (°C)</u>	Receiving Stream Conditions (velocity, etc):
<u>Water Temp (°C)</u> 504F0	
Dissolved 02	Effluent Conditions
503F0 Conductance	
500F0 — — — —	JUL 25 2011
<u>pH</u>	Weather Conditions Environmental p.
Comments & Unusual Conditions & Severity:(If applicable,Stamp- "No Visible Problem This Visit")	Weather Conditions Environmental MARION REGIONAL OFFICE
Remarks: Sample colle	cted downstree SE11346
	C/FG COUNSTITUE SEE
Sampling Techniques: Grab	FOR LABORATORY USE
··	_ LAB ID NO.
	Sample Received By:
lail To: Toe Stilly	Date Received: MAY 2 7 2011
Marion Regional Office	Time Received: 938 AM PM
Marion Kegronal Office	Lab Section:
	Supervisor: 🔑 🚧



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

Trip ID:

ELM FARMS INC

Project/Facility Number:

SAMPLE C

Date Received:

05/27/11

Funding Code:

WPZ6

Visit Number: Temperature C:

3.00

Client Sample ID:

C

Lab Sample ID:

SE11346-01

Matrix:

Water

Collected By: BER

Date/Time Collected:

05/26/11 14:55

Sample Type:

Grab

Sample Depth:

Total Depth:

Biochemical Oxygen Demand, 5 day, by Standard Method 5210B

Method:

5210B

Prepared:

05/27/11 11:07

Units:

mg/L

Analyzed:

06/01/11 07:58

Analyte

<u>Result</u>

Qualifier_

Reporting Limit

Regulatory Level

BOD 5DAY

87.7

J7, L

2.00

Nitrate-Nitrite, Colorimetric, Automated Cadmium by EPA Method 353.2

Method:

353.2

Prepared:

06/15/11 09:50

Units:

mg/L

Analyzed:

06/15/11 12:09

Analyte

Reporting Limit

Regulatory Level

Nitrogen, Nitrite (NO2) + Nitrate

Result

<u>Oualifier</u>

0.420

0.100

Nitrogen, Ammonia, Potentiometric, Ion Selective by EPA Method 350.3

Method:

350.3

Prepared:

06/16/11 08:07

Units:

mg/L

Analyzed:

06/23/11 09:32

Analyte

<u>Result</u>

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Ammonia as N

80.9

10,0



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

SAMPLE C

Trip ID:

Matrix:

Sample Type:

Funding Code:

WPZ6

Client Sample ID:

 \mathbf{C}

Water

Grab

Collected By: BER

Sample Depth:

Lab Sample ID:

Date/Time Collected:

Date Received:

Visit Number:

Temperature C;

05/26/11 14:55

SE11346-01

05/27/11

3.00

Total Depth;

рH

Method:

Units:

150.1

PH

Prepared:

05/27/11 12:36

Analyzed:

05/27/11 12:37

Analyte

Qualifier

Reporting Limit

Regulatory Level

Laboratory pH

Result 7.7

0.0

Phosphorus, All Forms, Colorimetric, Ascorbic by EPA Method 365.3

Method: Units:

<u>Analyte</u>

365.3 mg/L

Prepared: Analyzed: 06/03/11 13:20 06/08/11 18:24

Result

<u>Qualifier</u>

Reporting Limit

Regulatory Level

Phosphorus as P

21.6

0.0050

Total Suspended Solids by Standard Method 2540D

Method:

2540D

Prepared:

06/01/11 11:00

Units:

mg/L

Analyzed:

06/01/11 11:10

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Total Suspended Solids

260



825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

ELM FARMS INC

Project/Facility Number:

SAMPLE C

Date Received:

05/27/11

Funding Code:

WPZ6

Visit Number:

3.00

Trip ID;

Temperature C:

Notes and Definitions

Actual value not known, but known to be greater than value shown. To be used when the concentration of the analyte is above the acceptable level for quantitation. Value shown is the highest acceptable level for quantitation.

J7

Blank spike failed low - possible low bias or false non-detect,

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

Non-NELAP accredited

Report Authorized by:

Gary Germann
Laboratory Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported: 07/20/11 14:24 Page 3 of 3